

Converting Colors

XYZ(18.5128, 13.8205, 17.7180)

Have a look what the booklet for
XYZ(18.5128, 13.8205, 17.7180)
contains.

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Color

**XYZ(18.5249, 13.7910,
17.6051)**

Conversions

Conversions Part 1

Format	Color
Hex	955372
RGB	149, 83, 114
RGB Percent	58%, 33%, 45%
CMY	0.4157, 0.6745, 0.5529
CMYK	0.00, 0.44, 0.23, 0.42
HSL	332°, 28%, 45%
HSV	332°, 44%, 58%
XYZ	18.5249, 13.7910, 17.6051
YIQ	106.2680, 29.3850, 23.6330

Conversions

Conversions Part 2

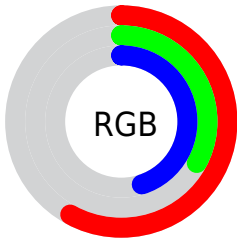
Format	Color
RYB	149, 83, 114
Decimal	9786226
CIELab	43.93, 31.57, -5.63
CIELCh	44, 32.067, 349.894
Yxy	13.7910, 0.3711, 0.2763
Android (android.graphics.Color)	4287976306 (0xFF955372)
YUV	106.2680, 3.8119, 37.4760
Hunter-Lab	37.1362, 24.0539, -2.1121

Details

The XYZ color **18.5249, 13.7910, 17.6051** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.5854, 24.6422, 20.9704**, and the grayscale version is **13.7577, 14.4742, 15.7624**.

A 20% lighter version of the original color is **40.5849, 32.7825, 40.2650**, and **6.4083, 4.0822, 5.6044** is the 20% darker color. If you saturate the color by 10%, you get **17.0745, 11.5791, 14.9976**, and if you desaturate by 10%, it is **20.2600, 16.5098, 20.4995**.

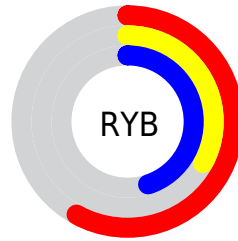
Distribution



Red (58%)

Green (33%)

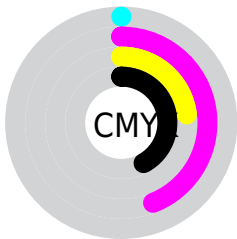
Blue (45%)



Red (58%)

Yellow (33%)

Blue (45%)

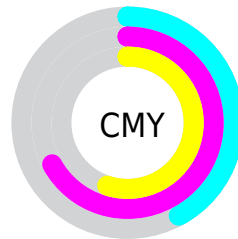


Cyan (0%)

Magenta (44%)

Yellow (23%)

Black (42%)



Cyan (42%)

Magenta (67%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5249, 13.7910, 17.6051 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 18.5249, 13.7910, 17.6051 by changing the saturation by 10% instead.

18.5249, 13.7910,
17.6051

18.5249, 13.7910,
17.6051

236.8020,
215.9267, 250.7966

11.4295, 7.9754,
10.5003

40.4528, 32.7177,
40.1681

6.4259, 4.0792,
5.6220

56.0161, 46.5977,
56.4634

3.1488, 1.7180,
2.5516

75.1326, 63.9346,
76.6593

1.2330, 0.4353,
0.8673

98.1677, 85.1128,
101.1743

0.1322, 0.0000,
0.0000

125.4869,
110.5167, 130.4270

0.0000, 0.0000,
0.0000

157.4554,

140.5308, 164.8359

194.4387,
175.5393, 204.8196

■ 18.5249, 13.7910,
17.6051

■ 18.5249, 13.7910,
17.6051

■ 17.0745, 11.5791,
14.9976

■ 20.2600, 16.5098,
20.4995

■ 15.8908, 9.8400,
12.6658

■ 22.2939, 19.7627,
23.6898

■ 14.9553, 8.5385,
10.5986

■ 24.6413, 23.5774,
27.1856

■ 14.2469, 7.6337,
8.7838

■ 27.3155, 27.9791,
30.9954

■ 13.7394, 7.0752,
7.2071

■ 30.3289, 32.9913,
35.1278

■ 13.4993, 6.8315,
6.3982

■ 33.6935, 38.6366,
39.5908

■ 37.4204, 44.9359,
44.3921

■ 41.5203, 51.9095,
49.5391

■ 46.0036, 59.5769,
55.0391

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.2073, 13.7910, 25.9426



18.5249, 13.7910, 17.6051



18.2547, 13.7910, 10.7435

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.5249, 13.7910, 17.6051



11.5160, 13.7910, 5.3332



10.2081, 13.7910, 28.4478

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



18.5249, 13.7910, 17.6051



17.5854, 24.6422, 20.9704

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



9.0327, 13.7910, 20.2934



18.5249, 13.7910, 17.6051



9.7176, 13.7910, 7.6905

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



18.5249, 13.7910, 17.6051



13.9833, 13.7910, 5.0295



8.8656, 13.7910, 12.6942



12.2699, 13.7910, 33.4126

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



18.5249, 13.7910, 17.6051



17.2212, 13.7910, 7.7159



8.8656, 13.7910, 12.6942



9.7081, 13.7910, 25.8857

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



18.5253, 13.7917, 17.6054



44.5946, 42.9856, 49.3614



15.8683, 12.1461, 29.9418



9.6807, 9.1957, 10.6451



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.5253, 13.7917, 17.6054



30.6294, 20.8134, 26.9548



17.1344, 13.3710, 9.8623



5.9074, 5.8580, 6.6184



11.3764, 5.7556, 5.4629



0.1539, 0.0763, 0.1442

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



18.5253, 13.7917, 17.6054



30.6294, 20.8134, 26.9548



19.5667, 25.1576, 32.2584



5.9074, 5.8580, 6.6184



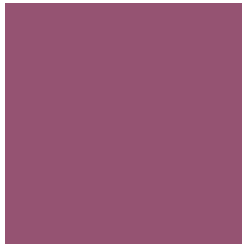
11.3764, 5.7556, 5.4629



0.1539, 0.0763, 0.1442

Previews

White Background



This preview shows how the XYZ color 18.5249, 13.7910, 17.6051 looks on a white background.

Color Contrast Check

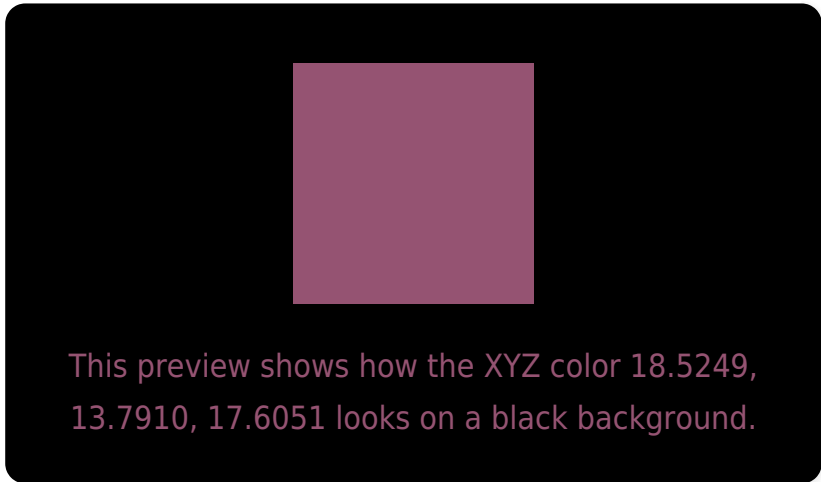
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

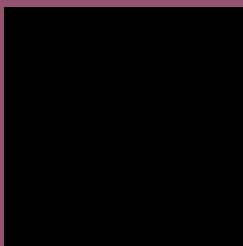
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.5249, 13.7910, 17.6051

Background



This preview shows how black text looks on a background with the XYZ color 18.5249, 13.7910, 17.6051.



This preview shows how white text looks on a background with the XYZ color 18.5249, 13.7910,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

18.5249, 13.7910, 17.6051

Protanopia

13.8266, 13.8855, 22.0301

Deuteranopia

14.0785, 13.8346, 16.9672



Tritanopia

17.4166, 13.8097, 12.1035

Trichromacy



Original Color

18.5249, 13.7910, 17.6051

Protanomaly

15.0318, 13.5528, 20.2360

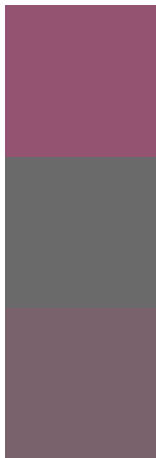
Deuteranomaly

15.3848, 13.5352, 17.1309

Tritanomaly

17.8895, 13.8911, 14.0503

Monochromacy



Original Color

18.5249, 13.7910, 17.6051

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

15.1540, 13.9771, 16.3671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5249, 13.7910, 17.6051 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(149, 83, 114)` looks like.

```
.text, #text, p{  
    color:rgb(149, 83, 114)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(149, 83, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 83, 114) }
```

Border

The CSS property to change the border of an element to XYZ 18.5249, 13.7910, 17.6051 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(149, 83, 114) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(149, 83, 114) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(149, 83, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 83, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 83, 114);  
box-shadow:4px 4px 4px 4px rgb(149, 83,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5249, 13.7910, 17.6051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 83, 114) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(149, 83,  
114) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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